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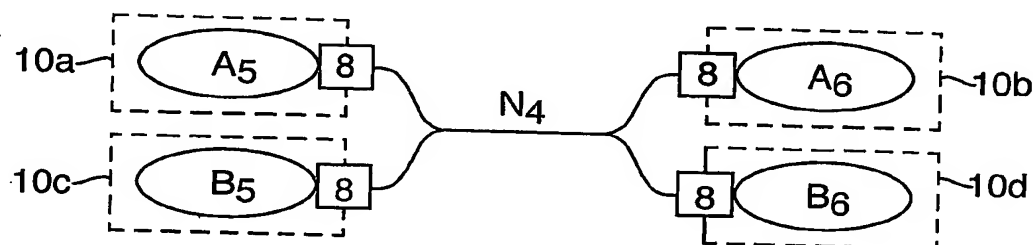
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(54) Title: **SECURE COMPUTER COMMUNICATION**



(57) Abstract: A method of improving the security of computer communications over a connecting network comprising the steps, carried out before a data packet enters the connecting network from a user domain, of tagging the data packet from a user domain with a security level marking and appending the tagged data packet with a string formed from a check-sum made over the data packet and security level marking tag to form a datagram. The integrity of the data is protected and the method can be used to prevent the mis-routing of data packets to user domains of lower security classification.